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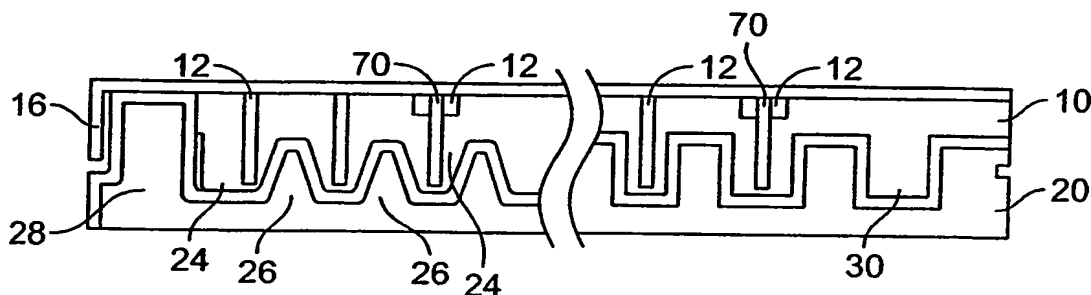
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— as to applicant's entitlement to apply for and be granted
a patent (Rule 4.17(ii)) for the following designations AE,
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(54) Title: MICROBIAL GROWTH ASSAY



(57) Abstract: Susceptibility of sessile microorganisms to antimicrobial agents is tested with a method comprising growing the microorganisms on a support to form a biofilm, contacting the biofilm with a metabolic substrate having a chromogenic and/or fluo-rogenic moiety to continue a base-line metabolic activity of the biofilm, contacting the biofilm with one or more antimicrobial agents, determining an experimental metabolic activity of the biofilm by measuring a signal from the metabolic substrate, and comparing the base-line metabolic activity with the experimental activity. The biofilm may be grown in a device comprising a plurality of wells, each well having a planar bottom and at least on wall, a plurality of supports comprising discs for growing the biofilm, each support disposed within a well perpendicular to the planar bottom, and at least one cover that fitably seals the top of each well.

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- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations

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